

Stavrianopoulos et al., Serial No. 08/486,070 (Filed June 7, 1995)

Exhibit C [Amendment Under 37 C.F.R. §1.115 (In Response To The
November 26, 2004 Office Action) -- May 25, 2005]

EXHIBIT C

Enz-7(P)(C3)

NO. 5421 P. 133

ENZO BIOCHEM

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Page 1 [Exhibit C To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

New Claim No.	Recitation	Support in Specification / Previous Claim Correspondence
3287, 3324, and 3325	A non-porous solid support comprising at least one double-stranded nucleic acid fixed or immobilized thereto, wherein one nucleic acid strand of said at least one double-stranded nucleic acid has covalently attached thereto either: (i) a non-radioactive signaling moiety, or (ii) a non-radioactive bridging moiety covalently or non-covalently attached to a non-radioactive signaling moiety, and wherein said fixation or immobilization is not to a cell fixed <i>in situ</i> to said non-porous solid support.	See, e.g., page 2, line 29 to page 3, line 2; page 5, lines 27-33; page 6, lines 13-15; page 10, lines 2-22; page 10, line 31 to page 11, line 1; page 11, lines 5-10; page 14, lines 13-16 and lines 29-33; Examples 1 and 6; and claims 1, 5, 20, and 23-25 as originally filed. See also previously presented Claims 3144, 3145, 3172, 3173, 3198, 3199, 3222, 3223, 3246, 3247, 3271-3276 and 3279-3282.
3288, 3294, 3302, 3310 and 3317	"fixation or immobilization is not to a cell fixed <i>in situ</i> to a non-porous solid support"	<i>ibid.</i>
3289, 3295, 3303 and 3318	"said non-porous solid support comprises an arrangement of wells, tubes or cuvettes"	See e.g., the paragraph bridging pages 13 and 14.
3290, 3296, 3304, 3312, and 3319	"said non-porous solid support has been treated with an amine providing compound comprising dodecylamine (DDA), polylysine (PPL) or 6-aminohexane"	See e.g., Examples 5 and 6.
3291, 3297, 3305, 3313 and 3320	"said non-porous solid support has been treated with an acid compound comprising nitric acid"	See e.g., Examples 1 and 6.

Enz-7(P)(C3)

Page 2 [Exhibit C To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

New Claim No.	Recitation	Support in Specification / Previous Claim Correspondence
3292, 3298, 3307, 3315, and 3321	"said bridging moiety comprises biotin-avidin, biotin-streptavidin or sugar-lectin"	See e.g., the paragraph following Table 1.
3293, 3309, 3316 and 3323	"one strand of said at least one double-stranded nucleic acid is fixed or immobilized to said non-porous solid support by sandwich hybridization"	The recitation of fixating or immobilizing a nucleic acid to a non-porous solid support by "sandwich hybridization" was previously presented, e.g., in Claims 3157, 3185, 3211 and 3234.
3299 and 3308	"said double-stranded nucleic acid is fixed or immobilized to said non-porous solid support and the other strand of said double-stranded nucleic acid is hybridized to said one strand"	See e.g., page 10, lines 31-34; page 11, lines 5-10 and page 14, lines 26-33.
3300-3301 and 3326- 3327	"an array comprising...nucleic acids fixed or immobilized"	The recitation of an array comprising nucleic acids fixed or immobilized to a non-porous solid support was previously presented, e.g., in Claims 3198-3199 and 3222-3223.
3306 and 3314	"said non-radioactive signaling moiety is attached to said at least one nucleic acid strand through a bridging moiety"	See e.g., the paragraph following Table 1.

Enz-7(P)(C3)

Page 3 [Exhibit C To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

New Claim No.	Recitation	Support in Specification / Previous Claim Correspondence
3322	"said non-radioactive signaling moiety comprises a chromagen or chromagenic compound"	The recitation of a non-radioactive signaling moiety comprising a chromagen or chromagenic compound was previously presented e.g., in Claims 3166, 3194, 3220 and 3244. See also page 11, lines 24-33 and Table 1.
3328, 3364 and 3380	"said non-porous solid support comprises one or more hydroxyls"	This recitation was previously presented e.g., in Claims 3150, 3204 and 3227. See also Examples 1-7.
3329, 3365 and 3381	"said non-porous solid support comprises one or more epoxides"	<i>ibid.</i>
3330, 3346, 3362 and 3396	"said non-porous solid support comprises a plate or plates"	The recitation of "plate" and "plates" was previously presented e.g., in Claims 3147, 3175, 3201 and 3248.
3331, 3347, 3363 and 3397	"said non-porous solid support comprises a well or wells, a microtiter well or microtiter wells, or a depression or depressions"	The recitation of "well," "wells," "microtiter well," "microtiter wells" and "depressions" was previously presented e.g., in Claims 3147, 3175, 3201, 3222, 3223 and 3248. See also the paragraph bridging pages 13 and 14; page 14, lines 19-20; page 16, lines 10-11; Examples 1-3 and 5-7; and claims 17 and 21 as originally filed.
3332, 3348, 3366, 3382 and 3398	"wherein said nucleic acid is RNA"	Previously presented e.g., in Claims 3158, 3186, 3212 and 3225.

Enz-7(P)(C3)

Page 4 [Exhibit C To May 25, 2005 Amendment Under 37 C.F.R. §1.115 (In Response To The November 26, 2004 Office Action)]

New Claim No.	Recitation	Support in Specification / Previous Claim Correspondence
3333-3334, 3349-3350, 3367-3368, 3383-3384 and 3399- 3400	"wherein said nucleic acid is RNA," "wherein said nucleic acid comprises both DNA and RNA"	Previously presented e.g., in Claims 3159, 3187, 3213 and 3226.
3335-3341, 3351-3357, 3369-3375, 3385-3391 and 3401- 3407	the non-radioactive signaling moiety is a "colored dye compound," "fluorogen or a fluorescent compound," "chemiluminescent compound," "comprises a chelating compound," "comprises an enzyme or an enzymatic compound," "comprises a coenzyme," "comprises a biotin"	Previously presented e.g., in Claims 3166, 3194, 3220 and 3244.
3342-3345, 3358-3361, 3376-3379 and 3392- 3395	the non-radioactive signal is quantifiable or detectable by "spectrophotometric techniques," "colorimetric techniques," "fluorometric techniques," "chemiluminescent techniques"	Previously presented e.g., in Claims 3167, 3195, 3221 and 3245.

Enz-7(P)(C3)